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MO RH Guide 14
Rev 12/17/09 sl

UNITED STATES DEPARTMENT OF AGRICULTURE
RURAL DEVELOPMENT

Position 6

FOOTING INSPECTION CHECKLIST

(Inspect footing/foundation excavation/trenches after rebar is in place, but before concrete is poured)

****ALWAYS TAKE THE PROJECT PLANS AND SPECIFICATIONS****
DIFFERENT DESIGNERS HAVE DIFFERENT BUILDING TECHNIQUES.

Property Address: _____

RD Reviewer: _____

Date: _____ Weather: _____

Persons at site: _____

NOTE: this guide is not all inclusive of work to be inspected but will assist in general areas that are sometimes overlooked – please comment on any special conditions in the “Notes” section.

Please indicate “yes” (Y), “no” (N) or “not applicable” (N/A) for each of the following:

Footing Inspection (site preparation) Checklist

1. _____ Is the footing trench free of water, debris and clumps of dirt?
2. _____ Does the size of the excavation for the footing conform to the plans and specifications? (IE: check the overall house dimensions & SF)
3. _____ Are there no apparent deficiencies in grading and drainage?
4. _____ Was no subsurface water uncovered during excavation?
5. _____ Are the footing excavations located properly on site?
6. _____ Are the bearing soil conditions uniformly solid?

Footing Inspection (footings) Checklist

7. _____ Is the footing bed prepared with the proper granular fill material (gravel)? (if needed)
8. _____ Footing Bearing Soil: Footing bearing is on undisturbed soil which appears to be 2000 psf or better soil. The bearing soil is flat (not to exceed 1:10 slope in footing trench) firm and consistent.
9. _____ Concrete foundation walls should have #4 re-bar top, bottom and middle horizontally (4' on center vertical if wall is over 4' high).
10. _____ At basement slab or slab floor house there is 4" of sand or washed gravel fill, plumbing stubbed through fill, termite treatment made, .006 mil visqueen and 6 x 6 #10/10 WWM.
11. _____ Are the drain pipes stubbed through the slab areas Schedule 40?

12. _____ Are the copper water lines stubbed up covered with foam wrap or equivalent to prevent contact with the concrete?
13. _____ Are the footing sizes and alignments in accordance with the drawings?
14. _____ Are the reinforcing rods sized and positioned in the footing trench as per the plans and specifications?
15. _____ The footings are located below the frost line? (36" north of I-70, 30" south of I-70, typical, unless otherwise noted in plans)
16. _____ Are the footing corners square at the bottom of the trench?
17. _____ Is there a Sch. 40 pipe in the bottom of the trench for future sewer/water connections?
18. _____ Is the perimeter drainage system in place as per the plans and specifications? (If not installed at this time – be sure to check for at open wall inspection)
19. _____ Exterior concrete slabs: Are the slabs, sidewalks, driveways, garage floors or any concrete slab that is exposed to the elements constructed with 3500 psi concrete (6 bag, 6 gallon mix) concrete and reinforced with 6 x 6 #10/10 welded wire mesh or #4 re-bar on a 36" grid, minimum. Construction joints not to exceed 20'.
20. _____ Top of garage floor slab is 12" min. above adjacent street level?

Footing Inspection (utilities) Checklist

21. _____ Are the under slab utilities in place?
22. _____ Are public utility connections properly installed as per the plans and specifications?
23. _____ Did the proper authorities inspect the utility connections? (City, County etc.)
24. _____ Is there documentation of plumbing system testing on site?
25. _____ If the utilities have been moved from the original design location, is there a Change Order provided for the relocation?

NOTES: _____

